

1. (Cancelled)

2. (Currently Amended) In a system for receiving contents from a plurality of web servers and providing the contents to a portable terminal connected via a network, a contents-providing system comprising:

a user information database for storing user identification (ID) information;

an authentication server for performing authentication based upon the user ID information by using the user information database when the user ID information and ~~an input~~ two or more uniform resource locator (URL) is input by locators (URLs) associated with a channel are sent from the portable terminal, and outputting the input URL two or more URLs after performing the authentication;

~~a data server determining whether the input URL provided by the authentication server is the channel URL that is of a set of URLs; each URL of the set corresponding to a web server that provides the contents of a predetermined subject; and if so, requesting the to request contents~~ from a plurality of web servers associated with the ~~respective two or more URLs of the set,~~ respective two or more URLs of the set, processing the received contents into a predetermined format, gathering the contents of the predetermined subject, binding the gathered contents into a single channel, and transmitting the single channel of contents to the portable terminal,

wherein the data server further comprises an image compressor for receiving the contents from the web server, and reducing image sizes or a number of colors according to the specification of the portable terminal; and

a proxy unit for monitoring data transmitted by the web server, and when the contents transmitted by the web server include image information, calling the image compressor.

3. (Previously Presented) The system of claim 2, wherein the user information database stores user information corresponding to the user ID information, the authentication server extracts user information corresponding to the user ID information from the user information database and outputs the same with the input URL when performing authentication based on the user ID information, and the system further comprises a billing server for settling

fees for the contents provided by the web servers having the URL provided by the portable terminal based on the user information provided by the authentication server.

4. (Previously Presented) The system of claim 3, wherein the billing server settles the respective fees of the web servers respectively corresponding to the channel URL when the URL provided by the portable terminal is the channel URL, the data server transmits the settlement results to the respective web servers corresponding to the URL of the channel URL when the settlement results of the billing server are provided, and the respective web servers determine the settlement results and when the settlement of the fees is performed and provide the corresponding contents to the data server.

5. (Previously Presented) The system of claim 2, wherein when the data server requests the contents, the web server provides the contents to the data server in the case a user who accesses via the portable terminal is a service user who can receive the contents.

6. (Previously Presented) The system of claim 5, wherein the data server provides the user ID information provided by the authentication server to a plurality of web servers respectively corresponding to the URL of the channel URL, and the respective web servers request a password input for authenticating the service user when the data server requests the contents, and they perform authentication via the user's password and the user ID information input via the portable terminal.

7. (Currently Amended) In a system for receiving contents from web servers and providing the contents to a portable terminal connected via a network, a contents-providing system comprising:

a user information database for storing user information (ID) information;

a data server for performing authentication based upon user ID information by using the user information database when the user ID information and ~~an input~~ two or more uniform resource locator (URL) are input by locators (URLs) associated with a channel are sent from the portable terminal, ~~determining whether the input URL is the channel URL that is of a set of~~

~~URLs, each URL of the set corresponding to a web server that provides contents of a predetermined subject, requesting [[the]] contents from a plurality of web servers associated with the respective two or more URLs of the set when performing the authentication and the input URL is the channel URL, processing the received contents into a predetermined format, gathering the contents of the predetermined subject, binding the gathered contents into a single channel, and transmitting the single channel of contents to the portable terminal,~~

wherein the data server further comprises an image compressor for receiving the contents from the web server, and reducing image sizes or a number of colors according to the specification of the portable terminal; and

a proxy unit for monitoring data transmitted by the web server, and when the contents transmitted by the web server include image information, calling the image compressor.

8. (Original) The system of claim 3, wherein the system further comprises an advertisement server for providing advertisement contents, and wherein the authentication server provides the user information extracted from the user information database to the data server, the advertisement server extracts the advertisement contents according to the user information provided by the data server and provides the advertisement contents to the data server, and the data server processes the advertisement contents provided by the advertisement server and the contents provided by the web server and transmits then to the portable terminal.

9. (Original) The system of claim 7, wherein the system further comprises an advertisement server for providing advertisement contents, and wherein the advertisement server extracts the advertisement contents according to the user information provided by the data server and provides the advertisement contents to the data server, and the data server processes the advertisement contents provided by the advertisement server and the contents provided by the web server and transmits them to the portable terminal.

10. (Canceled)

11. (Previously Presented) The system of claim 2 or 7, wherein the data server

processes the contents according to a display specification of the portable terminal and transmits them.

12. (Canceled)

13. (Previously Presented) The system of claim 2 or 7, wherein the data server further comprises a filter for filtering information that is inappropriate or is not needed for the portable terminal among the contents provided by the web server.

14. (Previously Presented) The system of claim 2 or 7, wherein the data server further comprises a channel generator for binding a plurality of contents of a predetermined field provided by the web server into a single channel.

15-19. (Cancelled)

20. (Currently Amended) In a program on a computer for implementing a server for receiving contents via a network and providing the contents to a portable terminal connected via the network, a program on the computer for implementing functions of performing authentication based upon user identification (ID) information input by the portable terminal when the user ID information and an input two or more uniform resource locators (URLs) associated with a channel are input by sent from the portable terminal, determining whether the input URL is a channel URL that is of a set of URLs, each URL of the set corresponding to a web server that provides contents of a predetermined subject, requesting [[the]] contents from a plurality of web servers associated with the respective two or more URLs of the set when the input URL is the channel URL, monitoring the contents received from the plurality of web servers in response to the requesting to determine whether any of the received contents include image information, and if any of the received contents include image information, converting the image information by reducing sizes or number of color of images according to standard of the portable terminal, gathering the contents of the predetermined subject and binding the gathered contents into a single channel of contents; and transmitting the single channel of contents to the portable terminal

via the network.

21-22. (Cancelled)

23. (Currently Amended) In a contents-providing method of a system for receiving contents from a plurality of web servers and providing the contents to a portable terminal connected via a network, a contents-providing method comprising:

(a) extracting user information corresponding to user identification (ID) information and authenticating the user when the user ID information and ~~an input~~ two or more uniform resource locator (URL) ~~is input by~~ locators (URLs) associated with a channel are sent from the portable terminal;

~~(b) determining whether the input URL is a channel URL that is of a set of URLs each URL of the set corresponding to a web server that provides contents of a predetermined subject;~~

~~[[c)] (b) requesting the contents from a plurality of web servers associated with the two or more URLs respective URLs of the set when the input URL is the channel URL;~~

~~[[d)] (c) monitoring the contents received from the plurality of web servers in response to the requesting to determine whether any of the received contents include image information, and if any of the received contents include image information, converting the image information by reducing sizes or number of color of images according to standard of the portable terminal;~~

~~[[e)] (d) gathering the contents of the predetermined subject and binding the gathered contents into a single channel of contents; and~~

~~[[f)] (e) transmitting the single channel of contents to the portable terminal via the network.~~

24. (Currently Amended) The method of claim 23, wherein the method further comprises respectively settling the fees for the contents provided by the web servers corresponding to the respective ~~channel~~ URLs of the channel based upon the user information.

25. (Currently Amended) The method of claim 23, wherein when the contents are requested in (c), the settlement results are provided to the web servers corresponding to the respective URLs ~~of the channel URL~~.

26. (Original) The method of claim 23, wherein the method further comprises:  
requesting a password from the portable terminal when a password input request for authenticating service users who can receive desired contents from a web server is generated according to the contents request; and  
providing the password to the web server and authenticating the service user when the password is provided to the portable terminal.

27. (Original) The method of claim 26, wherein when it is determined that the corresponding user is a service user according to the password provided by the portable terminal in the step of providing the contents, the web server provides the contents to the user.

28. (Canceled)

29. (Currently Amended) A method comprising:  
at a portable terminal, providing a user interface to allow a user to select a channel from among multiple channels, each of the channels being associated with ~~a channel URL including~~ two or more URLs;  
at the portable terminal, upon receiving a selection from the user of one of the channels, sending the two or more URLs ~~included in the channel URL that are~~ associated with the selected channel to a data server; and  
at the portable terminal, receiving information collected from two or more web servers that correspond to the two or more URLs, the information from the two or more web servers being combined into a single channel and sent from the data server to the portable terminal.

30. (New) The method of claim 29 wherein providing a user interface comprises providing multiple graphical icons each associated with one of the channels.

31. (New) The method of claim 29 wherein receiving information from two or more web servers comprises receiving information from two or more web servers that are combined into a single channel and sent from the data server to the portable terminal at one time.

32. (New) A method comprising:  
selecting a channel from among multiple channels by selecting a graphical icon from among a plurality of graphical icons, each icon being associated with one of the channels, each of the channels being associated with two or more URLs;  
using a portable terminal to send the two or more URLs that are associated with the selected channel to a data server; and  
using the portable terminal to receive information from two or more web servers that correspond to the two or more URLs, the information from the two or more web servers being combined into a single channel and sent from the data server to the portable terminal.

33. (New) A method comprising:  
at a data server, receiving two or more URLs that are transmitted from a portable terminal, the two or more URLs being associated with a channel selected by a user of the portable terminal from among a plurality of channels;  
at the data server, requesting contents from a plurality of web servers associated with the two or more URLs associated with the selected channel, and binding the contents into a single channel; and  
at the data server, transmitting the single channel of contents to the portable terminal.

34. (New) The method of claim 33 wherein the data server transmits the single channel of contents to the portable terminal at one time.

35. (New) An apparatus comprising:

a portable terminal comprising a user interface to allow a user to select a channel from among multiple channels, each of the channels being associated with a channel URL including two or more URLs;

wherein the portable terminal is configured to, upon receiving a selection from the user of one of the channels, send the two or more URLs included in the channel URL that are associated with the selected channel to a data server, and receive information collected from two or more web servers that correspond to the two or more URLs, the information from the two or more web servers being combined into a single channel and sent from the data server to the portable terminal.

36. (New) The apparatus of claim 35 wherein the user interface comprises multiple graphical icons each associated with one of the channels.

37. (New) The apparatus of claim 35 wherein the portable terminal is to receive information from two or more web servers that are combined into a single channel and sent from the data server to the portable terminal at one time.

38. (New) An apparatus comprising:

a data server to receive two or more URLs that are transmitted from a portable terminal, the two or more URLs being associated with a channel selected by a user of the portable terminal,

request contents from a plurality of web servers associated with the two or more URLs associated with the selected channel,

bind the contents into a single channel, and

transmit the single channel of contents to the portable terminal.

39. (New) The apparatus of claim 38 wherein the data server is to transmit the single channel of contents to the portable terminal at one time.